V.S.
04/19/07

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| | | (((((data near rate) or throughput or (bandwidth)) and conjugate) same (phase near (offset or reference or difference)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 19:23 |
| | | \ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 13:11 |
| | | (determin$3 or classif$5) near5 (packet or symbol or frame or segment)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 12:04 |
| | | (determin$3 or classif$5) near5 (number near2 (training near symbol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 11:52 |
| | | ((calculat$3 or classify$3 or determin$3 or measur$3 or estimat$3) near5 ((size or length or number) near2 (training near symbol)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 11:36 |
| | | ((calculat$3 or classify$3 or determin$3 or measur$3 or estimat$3) near5 ((size or length) or (number near2 (training near symbol))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 11:36 |
| | | ((calculat$3 or classify$3 or determin$3 or measur$3 or estimat$3) near5 ((size or length) or (number near2 (training near symbol)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 11:36 |
| | | ((calculat$3 or classify$3 or determin$3 or measur$3 or estimat$3) near5 (number near3 ((long or short) near2 symbols)))) same preamble | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 20:39 |
| | | ((calculat$3 or measur$3 or detect$3 or determin$3 or monitor$3) near10 training) same (phase near6 differ$4) and self near correlation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:30 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | ((calculat$3 or measur$3 or detect$3 or determin$3 or monitor$3) near10 training) same (phase near6 differ$4) and 9self near correlation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:30 |
| | | (phase near differ$4) and (self near correlation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:23 |
| L3 | 8 | (computer adj program adj product) and (phase adj difference) and (training near symbols) and (threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/19 12:47 |
| S1 | 849 | (training near2 symbol) and phase and (channel near2 estimat$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 17:56 |
| S2 | 28 | S1 and "370"/$.ccls. and "455"/$. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 11:22 |
| S3 | 399 | S1 and OFDM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 10:21 |
| S4 | 199 | (preamble same (training near2 symbol)) and phase and (channel near2 estimat$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 10:23 |
| S5 | 521 | ((plurality or multiple) near3 (symbol or frame or segment)) and (phase near2 difference) and (channel near2 estimat$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 11:21 |
| S6 | 33 | S5 and "370"/$.ccls. and "455"/$. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 19:13 |
| S7 | 11 | S5 and "370"/$.ccls. and "455"/$. ccls. and "375"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 12:16 |

# EAST Search History

| S9 | 144 | (calculat$3 or measur$3 or detect$3) near10 ((symbol or frame or segment or preamble) near5 training) and ((combin$5 or add$3) near2 (symbol or preamble)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 18:20 |
|---|---|---|---|---|---|---|
| S11 | 133 | S9 and ("370"/$.ccls. or "455"/$.ccls. or "375"/$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 12:17 |
| S12 | 34 | (calculat$3 or measur$3 or detect$3) near10 ((symbol or frame or segment or preamble) near5 training) and (phase near6 difference) and ((combin$5 or add$3) near2 (symbol or preamble)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 18:21 |
| S13 | 184 | ((calculat$3 or measur$3 or detect$3 or determin$3 or monitor$3) near10 training) same (phase near6 differ$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 12:45 |
| S14 | 179 | S13 not S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 18:49 |
| S15 | 44 | S13 and (channel near2 estimat$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 12:46 |
| S16 | 39 | S15 not S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 12:46 |
| S17 | 184 | ((calculat$3 or measur$3 or detect$3 or determin$3 or monitor$3) near10 training) same (phase near6 differ$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:30 |
| S18 | 70 | S17 and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 18:20 |

# EAST Search History

| S19 | 7603 | 370/335,342,479,281,208,537. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 18:22 |
|---|---|---|---|---|---|---|
| S20 | 335 | S19 and OFDM and CDMA and wireless | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 18:47 |
| S21 | 28 | S20 and (training near5 symbol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 18:47 |
| S22 | 992 | S19 and OFDM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 18:47 |
| S23 | 116 | S22 and (training near5 symbol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 20:41 |
| S24 | 83 | S23 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 20:42 |
| S25 | 34 | (calculat$3 or measur$3 or detect$3) near10 ((symbol or frame or segment or preamble) near5 training) and (phase near6 difference) and ((combin$5 or add$3) near2 (symbol or preamble)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 18:52 |
| S26 | 179 | S17 not S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 18:49 |
| S27 | 139 | S26 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 10:41 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S28 | 29 | S25 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 18:52 |
| S29 | 521 | ((plurality or multiple) near3 (symbol or frame or segment)) and (phase near2 difference) and (channel near2 estimat$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 19:13 |
| S30 | 33 | S29 and "370"/$.ccls. and "455"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/16 19:13 |
| S31 | 31 | S30 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 15:22 |
| S32 | 137 | S27 not S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:19 |
| S33 | 1991 | (plurality or multiple) near5 ((training near symbol) or (pilot near signal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 11:41 |
| S34 | 362 | ((plurality or multiple) near5 ((training near symbol) or (pilot near signal)) same (add$3 or cumulative or combin$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 11:42 |
| S35 | 109 | ((plurality or multiple) near5 ((training near symbol) or (pilot near symbol)) same (add$3 or cumulative or combin$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 12:07 |
| S36 | 92 | S35 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 11:47 |
| S37 | 56 | S36 and (channel near estimat$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 12:07 |

# EAST Search History

| S38 | 5811 | 370/203,206,208,210,338.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 12:07 |
|---|---|---|---|---|---|---|
| S39 | 13 | S38 and (((plurality or multiple) near5 ((training near symbol) or (pilot near symbol)) same (add$3 or cumulative or combin$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:12 |
| S40 | 36 | S36 not S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:17 |
| S41 | 0 | S37 and (self near correlation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:18 |
| S42 | 184 | ((calculat$3 or measur$3 or detect$3 or determin$3 or monitor$3) near10 training) same (phase near6 differ$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:19 |
| S43 | 7618 | 370/335,342,479,281,208,537. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:19 |
| S44 | 995 | S43 and OFDM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:19 |
| S45 | 116 | S44 and (training near5 symbol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 19:50 |
| S46 | 34 | (calculat$3 or measur$3 or detect$3) near10 ((symbol or frame or segment or preamble) near5 training) and (phase near6 difference) and ((combin$5 or add$3) near2 (symbol or preamble)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:19 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S47 | 179 | S42 not S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:19 |
| S48 | 139 | S47 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:23 |
| S49 | 137 | S48 not S45 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:19 |
| S50 | 102 | (phase near differ$4) and (self near correlation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:23 |
| S51 | 93 | S50 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:38 |
| S52 | 5 | S51 and ((training or pilot) near symbol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:24 |
| S53 | 0 | ((calculat$3 or measur$3 or detect$3 or determin$3 or monitor$3) near10 training) same (phase near6 differ$4) and (self near correlation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:31 |
| S54 | 10 | ((calculat$3 or measur$3 or detect$3 or determin$3 or monitor$3) near10 training) same (phase near6 differ$4) and (cross near correlation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:32 |
| S55 | 245 | atheros communications inc.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:33 |
| S56 | 9 | S55 and (self near correlation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:36 |

# EAST Search History

| S57 | 1 | S55 and (cross near correlation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:38 |
|---|---|---|---|---|---|---|
| S58 | 17229 | (cross near correlation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:38 |
| S59 | 107 | (cross near correlation) and (self near correlation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:38 |
| S60 | 84 | S59 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:38 |
| S61 | 10 | S60 and ((training near symbol) or (pilot near symbol)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 13:39 |
| S62 | 45 | "5214687" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 15:07 |
| S63 | 2 | "5214687".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 15:08 |
| S64 | 3 | angle near5 (self near correlation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 15:10 |
| S65 | 2 | angle near5 (self$correlation) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 15:10 |
| S66 | 70 | S42 and threshold | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 15:22 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S67 | 58 | S66 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 18:10 |
| S68 | 2 | "6930989" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 18:49 |
| S69 | 11 | S45 and "802.11a" and (long near symbol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/17 19:51 |
| S70 | 6 | ((calculat$3 or classify$3 or determin$3 or measur$3 or estimat$3) near5 (number near3 ((long or short) near2 symbols))) same preamble | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 10:39 |
| S71 | 623 | ((calculat$3 or classify$3 or determin$3 or measur$3 or estimat$3) near5 (size or length) or (number near3 ((long or short) near2 symbols))) same preamble | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 11:34 |
| S72 | 114 | S71 and OFDM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 10:41 |
| S73 | 46 | S72 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 11:37 |
| S74 | 2 | (((calculat$3 or classify$3 or determin$3 or measur$3 or estimat$3) near5 (size or length) or (number near3 ((long or short) near2 symbols))) same preamble) near10 (phase near differ$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 11:07 |
| S75 | 4 | (((calculat$3 or classify$3 or determin$3 or measur$3 or estimat$3) near5 (size or length) or (number near3 ((long or short) near2 symbols))) same preamble) same (phase near difference) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 11:23 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S76 | 628900 | ((calculat$3 or classify$3 or determin$3 or measur$3 or estimat$3) near5 (size or length) or (number near3 ((long or short) near2 (training near symbol)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 11:35 |
| S77 | 48 | (calculat$3 or classify$3 or determin$3 or measur$3 or estimat$3) near5 ((size or length or number) near2 (training near symbol)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 11:50 |
| S78 | 34 | S77 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 12:16 |
| S79 | 14 | (determin$3 or classif$5) near5 (number near2 (training near symbol)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 12:04 |
| S80 | 163177 | (determin$3 or classif$5) near5 (packet or symbol or frame or segment) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 12:16 |
| S81 | 3181 | S80 and OFDM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 12:05 |
| S82 | 345 | S81 and (phase near difference) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 12:05 |
| S83 | 274 | S82 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 12:05 |
| S84 | 56 | S83 and (training near symbol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 12:05 |
| S85 | 10440 | (classif$5) near5 (packet or symbol or frame or segment) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 13:09 |

| S86 | 128 | S85 and OFDM | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/04/18 12:16 |
|-----|-----|--------------|------|-----|-----|------------------|
| S87 | 37 | S86 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/04/18 13:11 |
| S88 | 6 | S85 same (phase near difference) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/04/18 13:11 |
| S89 | 101 | S85 and (phase near difference) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/04/18 15:04 |
| S90 | 80 | S89 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/04/18 13:56 |
| S91 | 25 | (determin$3) near10 (number near2 (training near symbol)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/04/18 13:46 |
| S92 | 3 | (invert$3) near10 (sign near2 (training near symbol)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/04/18 13:52 |
| S93 | 4 | (invert$3) near10 (sign near10 (training near2 symbol)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/04/18 13:53 |
| S94 | 0 | ((invert$3) near10 (sign near10 (training near2 symbol))) and (phase near2 difference) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/04/18 13:56 |
| S95 | 47 | ((invert$3) near10 (sign near10 (symbol))) and (phase near2 difference) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/04/18 13:56 |

| S96 | 45 | ((invert$3) near10 (sign near10 (symbol))) and (phase near difference) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 13:56 |
|---|---|---|---|---|---|---|
| S97 | 16 | ((invert$3) near5 (sign near5 (symbol))) and (phase near difference) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 13:56 |
| S98 | 15 | S97 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 15:03 |
| S99 | 16364 | (classif$7) with (offset or phase or transition or difference) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 15:02 |
| S100 | 268 | (classif$7) with (phase near5 (offset or transition or difference)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 15:03 |
| S101 | 205 | S100 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 18:43 |
| S102 | 205 | S101 not S84 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 15:03 |
| S103 | 202 | S101 not S90 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 15:04 |
| S104 | 5 | (determin$3) near10 (sign near5 (real near part)) and conjugate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 18:42 |
| S105 | 0 | (determin$3) near10 (date near rate) and conjugate and (phase near reference) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 18:42 |

| S106 | 0 | (determin$3) near10 ((date near rate) and conjugate and (phase near reference)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 18:42 |
|---|---|---|---|---|---|---|
| S107 | 0 | (determin$3) near10 ((data near rate) and conjugate and (phase near reference)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 18:43 |
| S108 | 645 | (((data near rate) or throughput or (bandwidth)) and conjugate and (phase near reference)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 19:23 |
| S109 | 76 | S108 and training | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 19:17 |
| S110 | 68 | S109 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 19:24 |
| S111 | 102 | ((((data near rate) or throughput or (bandwidth)) and conjugate) same (phase near (offset or reference or difference))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 19:24 |
| S112 | 41 | S111 and (training or pilot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 19:24 |
| S113 | 38 | S112 and (@ad<"20030917" or @rlad<"20030917") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 19:59 |
| S114 | 2 | "5892796".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 20:01 |
| S115 | 2 | "20060251183" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/18 20:01 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S11 6 | 8 | (determin$3) near10 (((data near rate) or throughput or bandwidth) near5 (training near (symbol or sequence))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/19 11:01 |
| S11 7 | 7 | (determin$3 or calculat$3 or count$3 or examin$3 or measur$3) near5 (((data near rate) or throughput or bandwidth) near5 (training near (symbol or sequence))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/19 11:01 |
| S11 8 | 3 | S116 not S117 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/19 11:01 |
| S11 9 | 16 | (determin$3) near10 (((data near rate) or throughput or bandwidth) same (training near (symbol or sequence or segment or frame or packet))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/19 11:02 |
| S12 0 | 11 | S119 not (S116 and S117) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2007/04/19 11:02 |

V.S.
04/19/07